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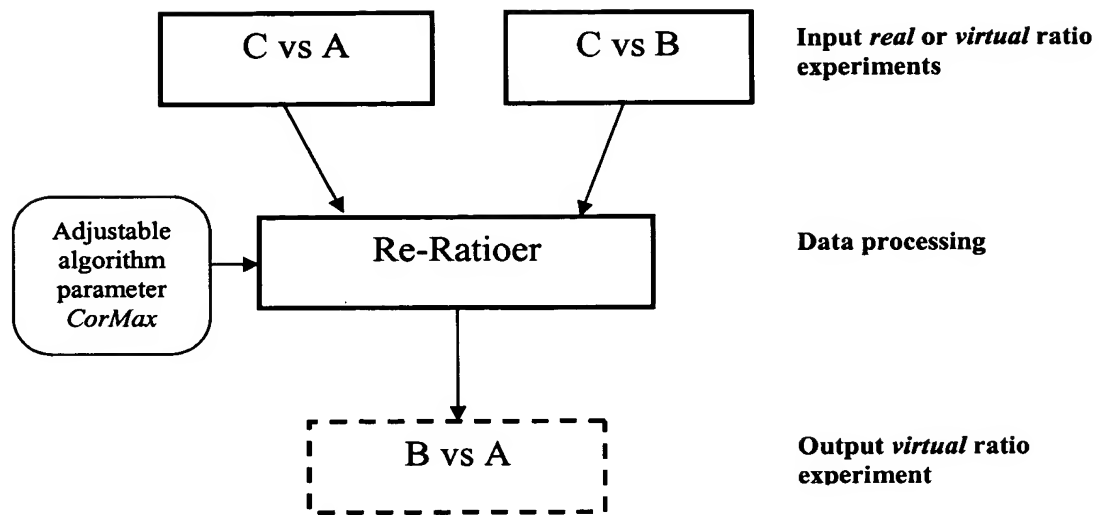


Figure 1.

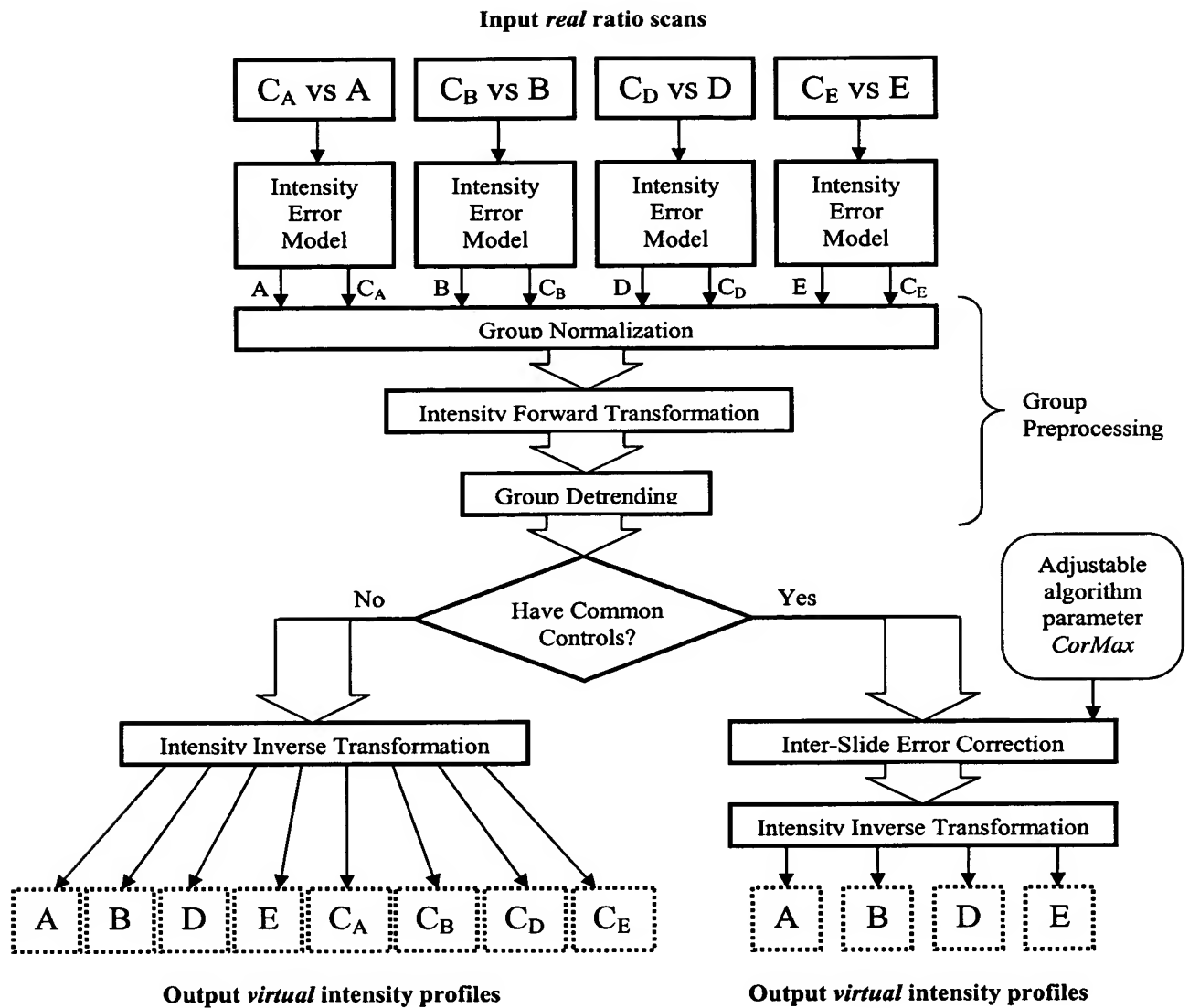


Figure 2

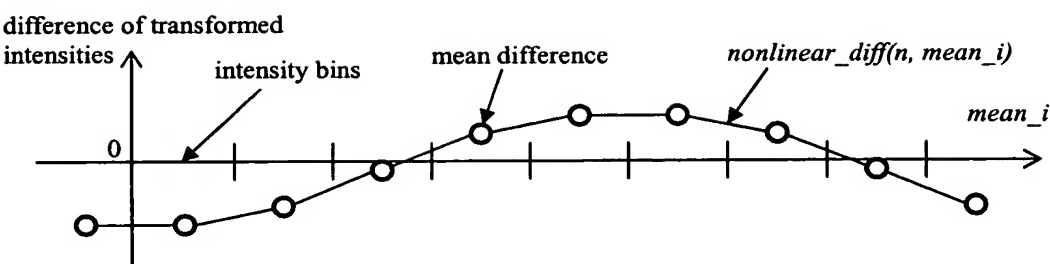


Figure 3

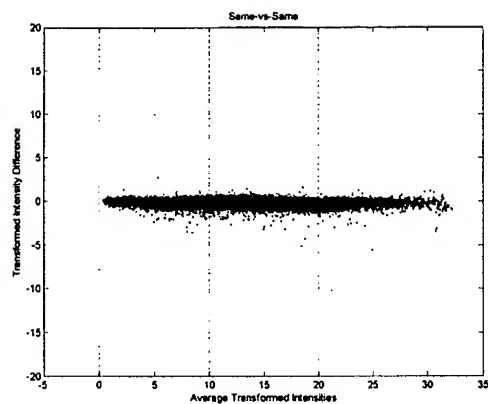


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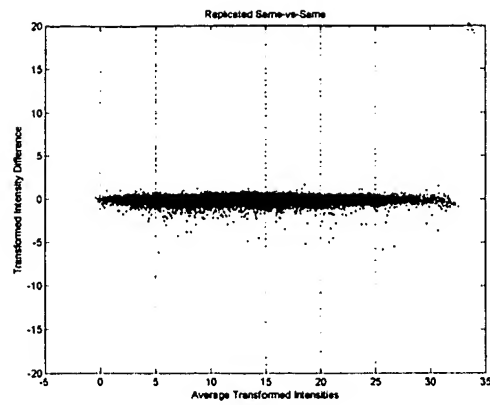


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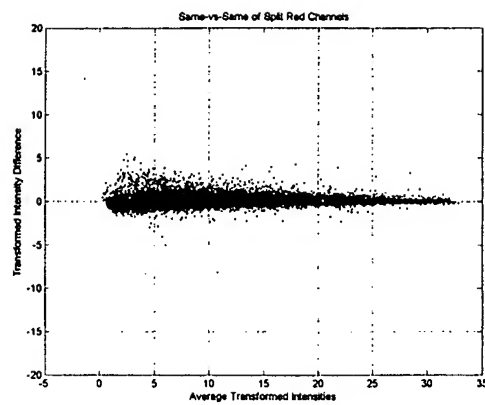


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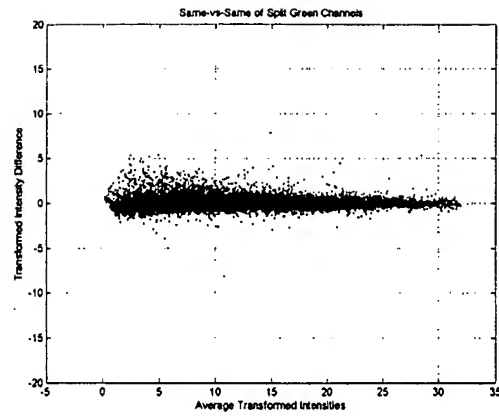


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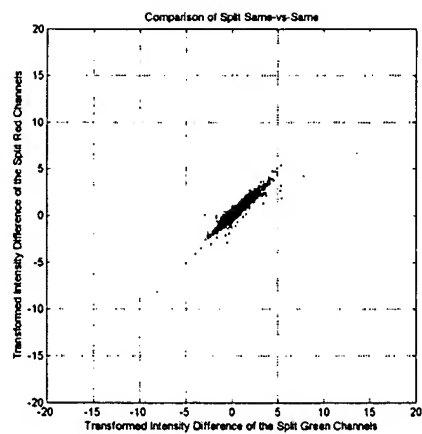


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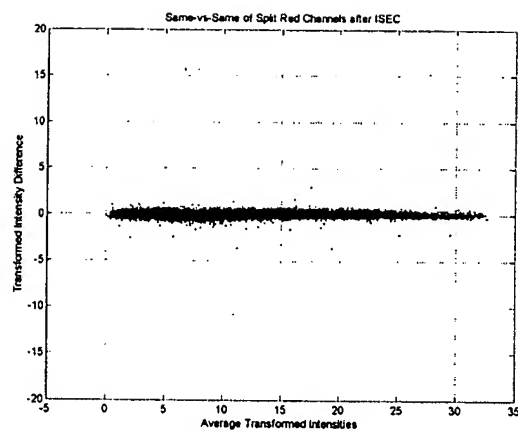


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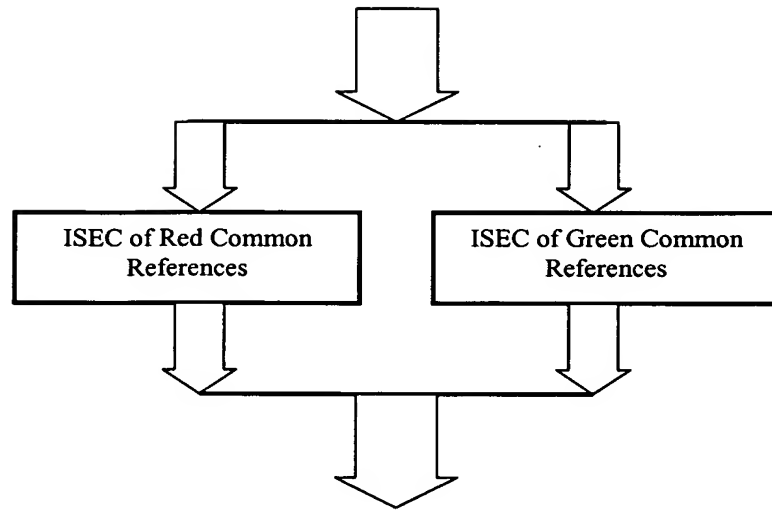


Figure 10

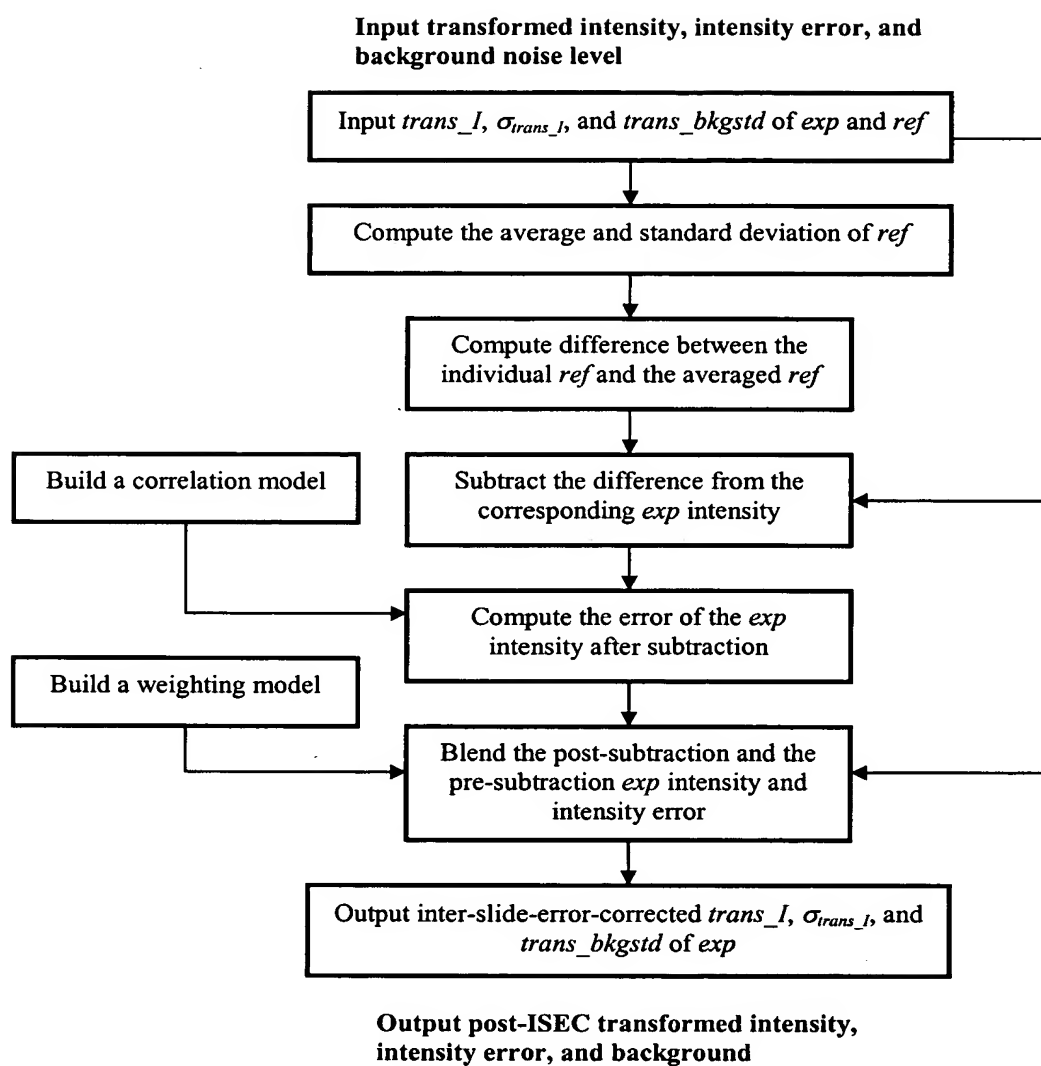


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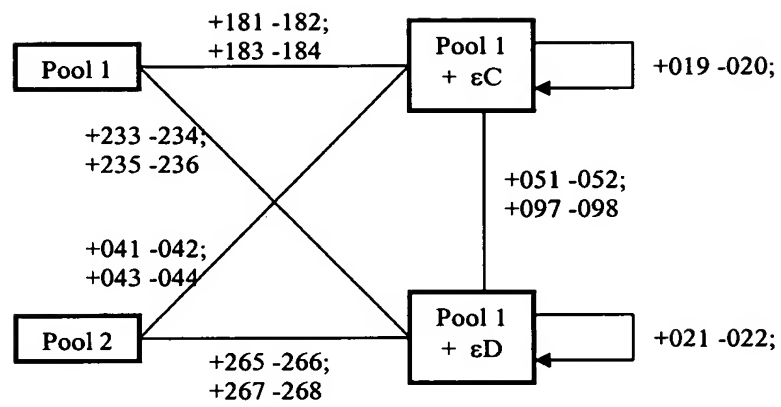


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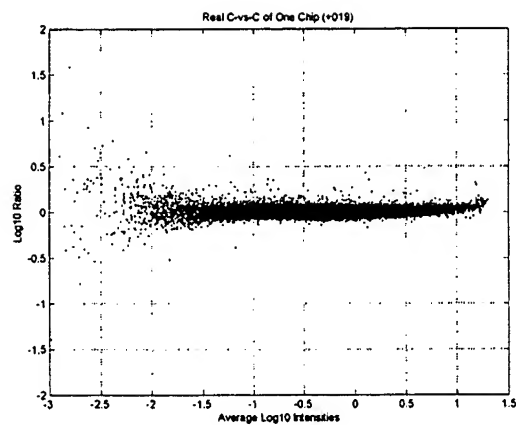


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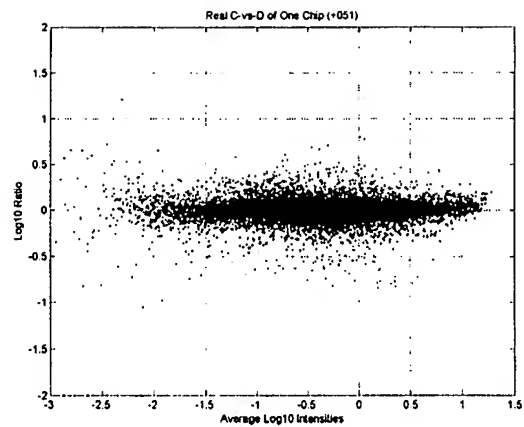


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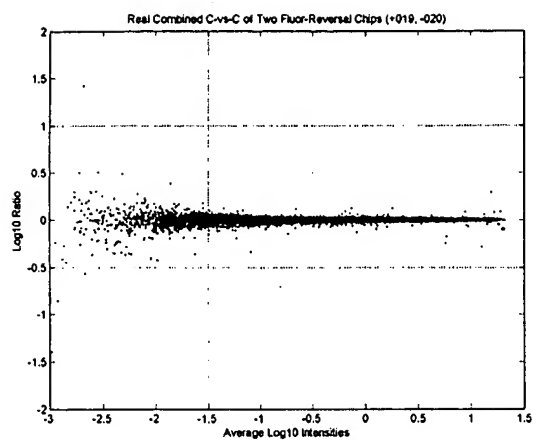


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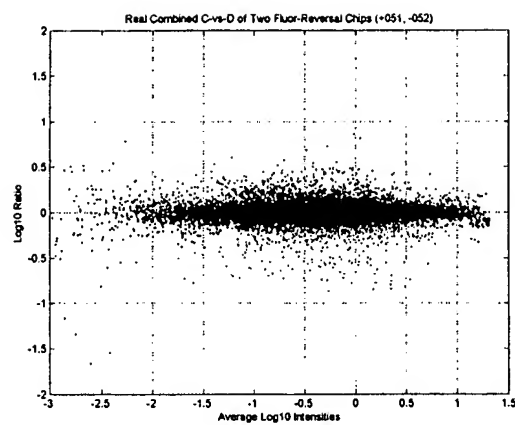


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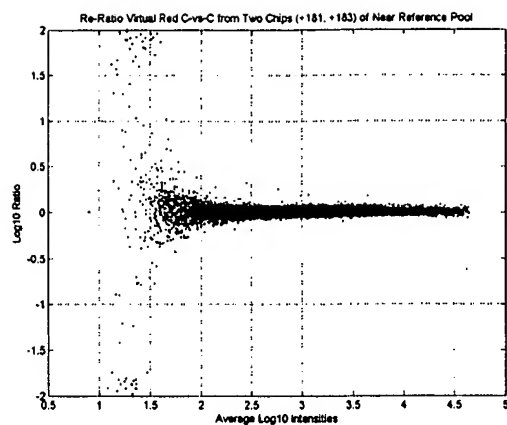


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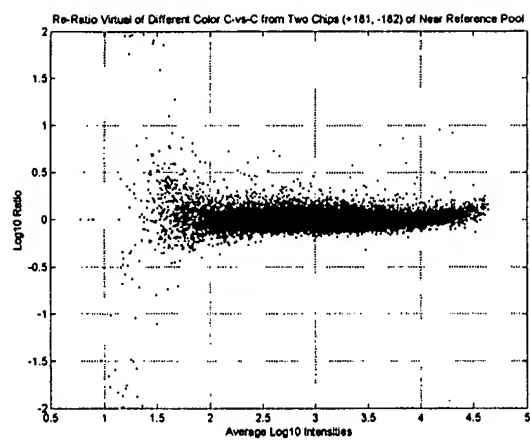


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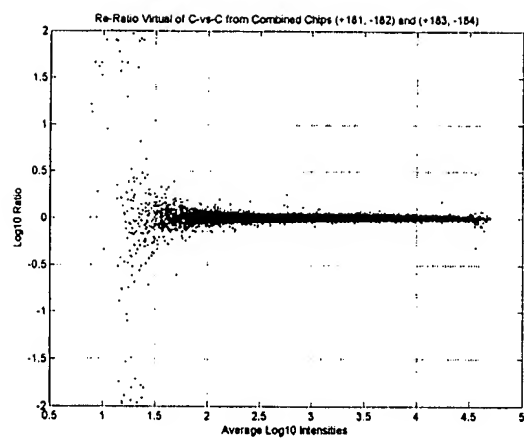


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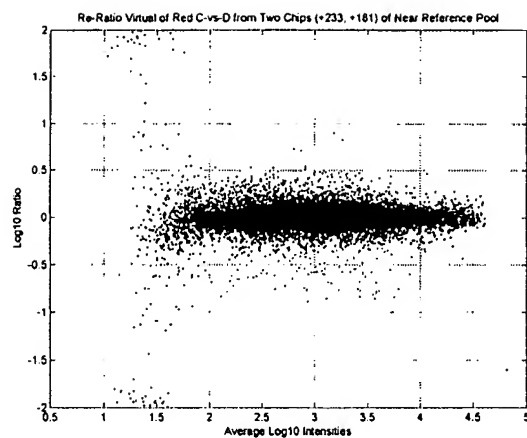


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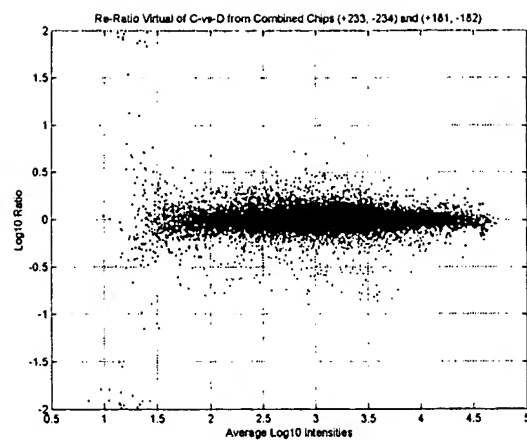


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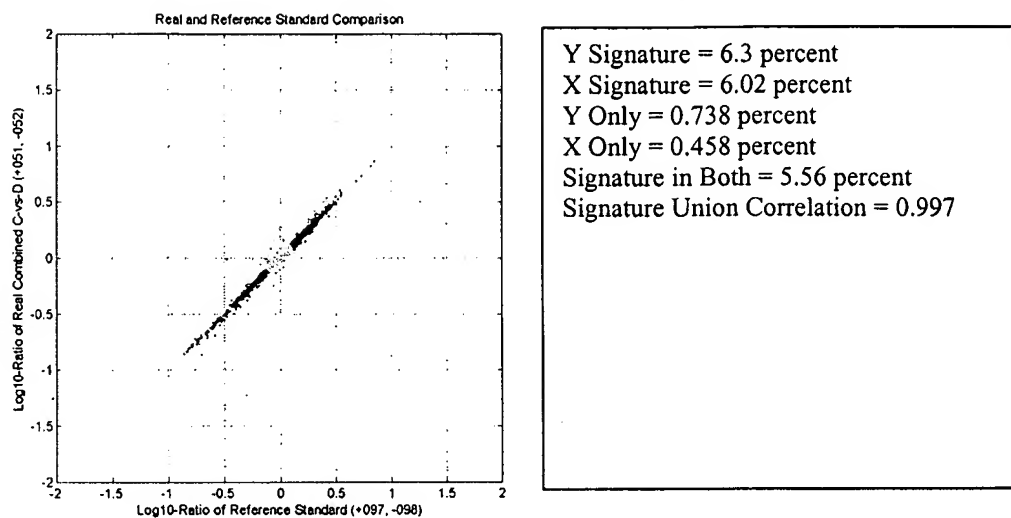
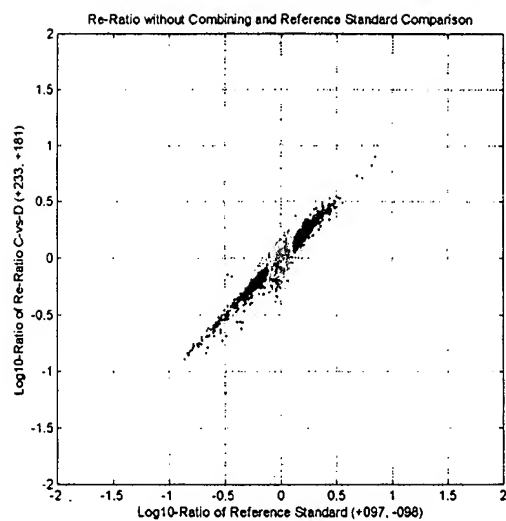
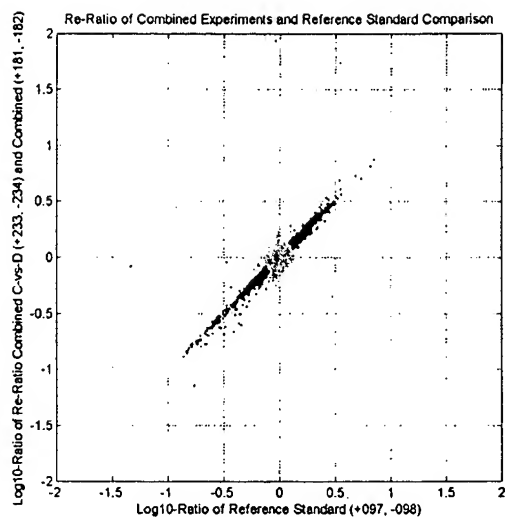


Figure 22



Y Signature = 0.757 percent
X Signature = 6.02 percent
Y Only = 0.0233 percent
X Only = 5.29 percent
Signature in Both = 0.734 percent
Signature Union Correlation = 0.98

Figure 23



Y Signature = 6.04 percent
X Signature = 6.02 percent
Y Only = 0.78 percent
X Only = 0.765 percent
Signature in Both = 5.26 percent
Signature Union Correlation = 0.994

Figure 24

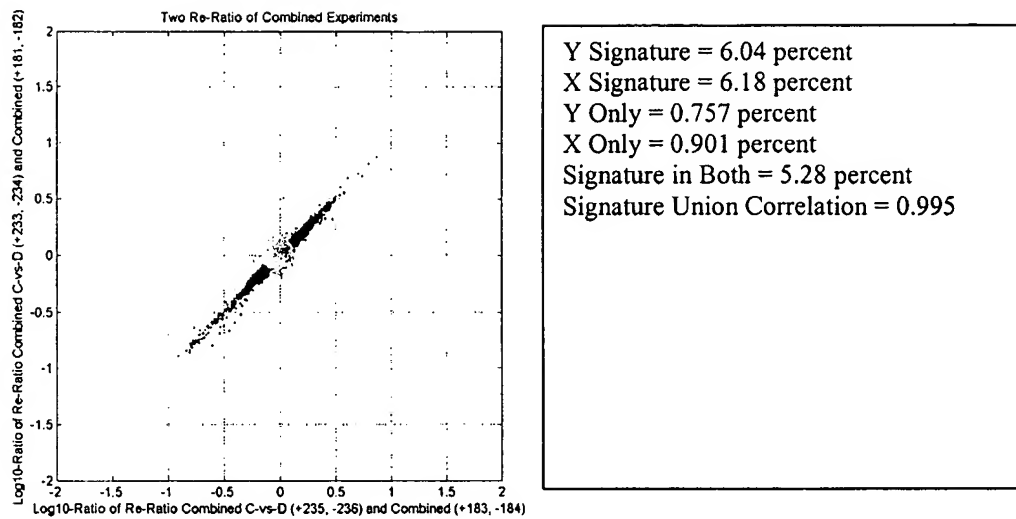


Figure 25

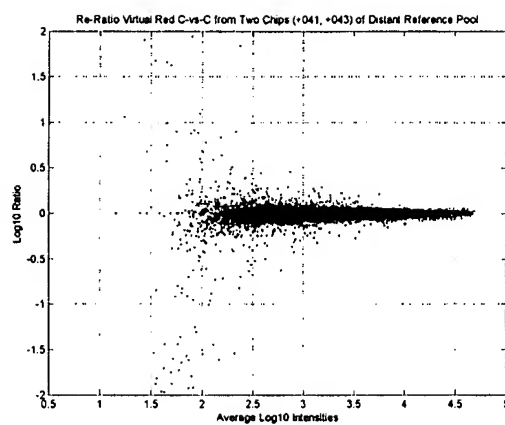


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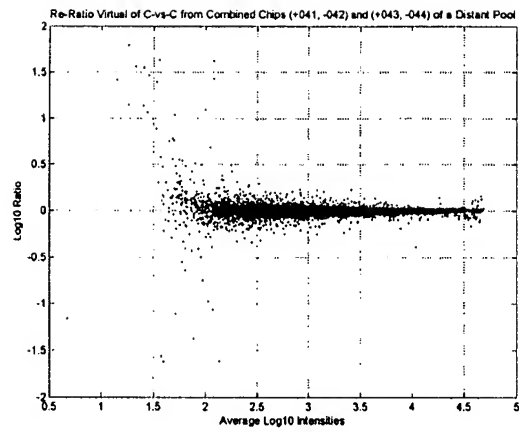


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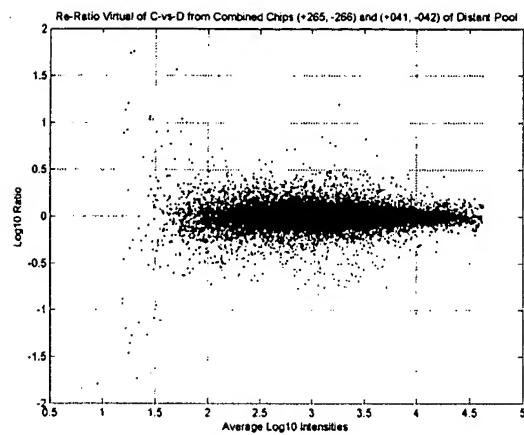


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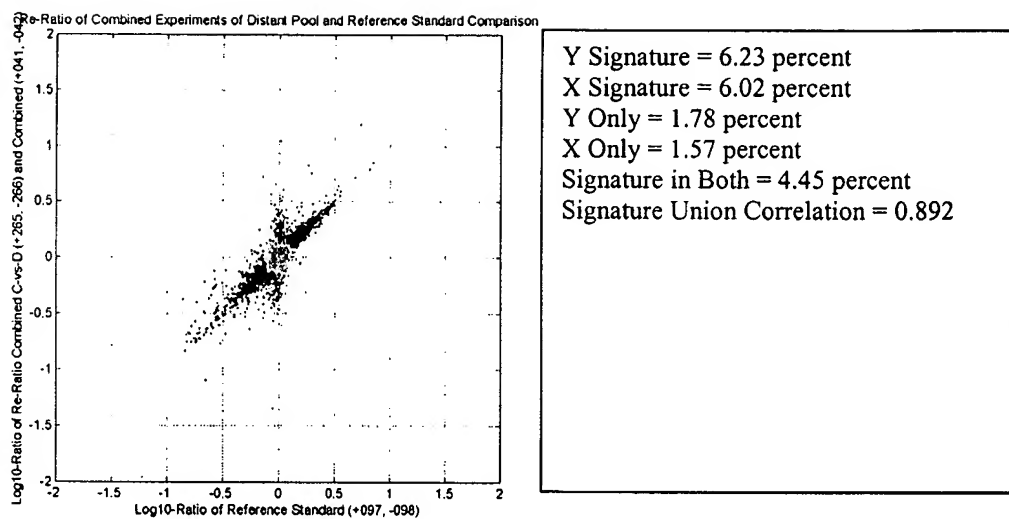


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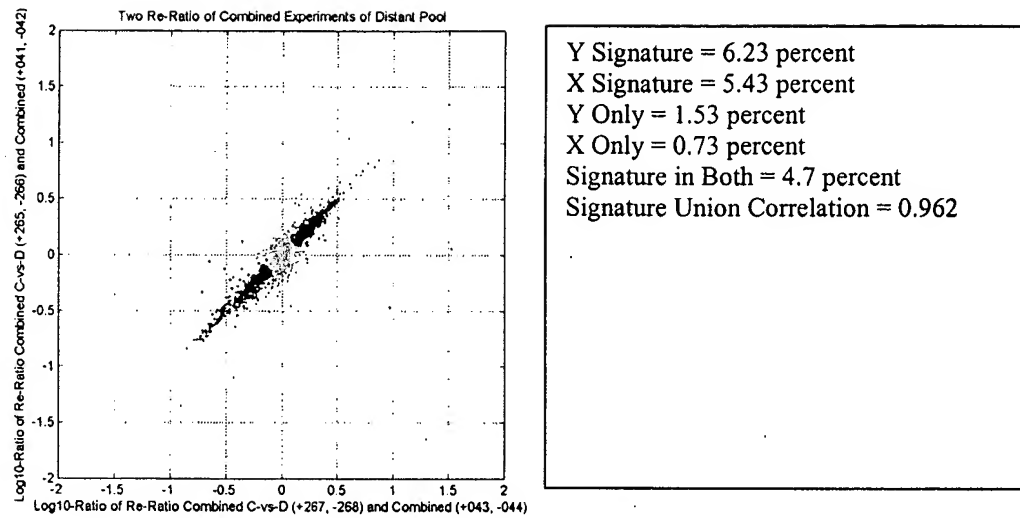


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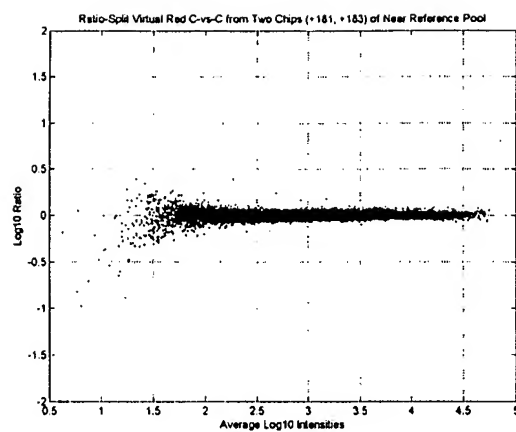


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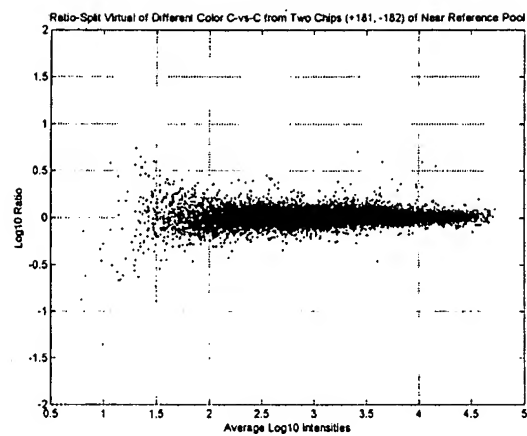


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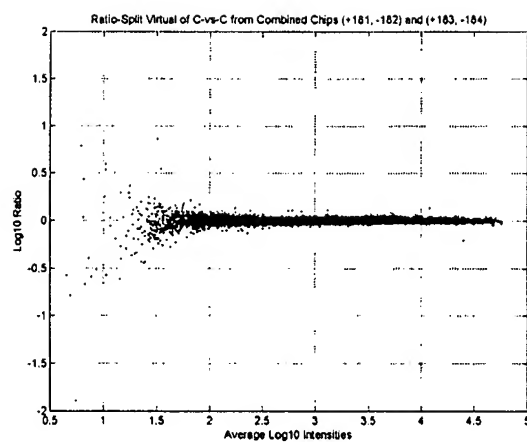


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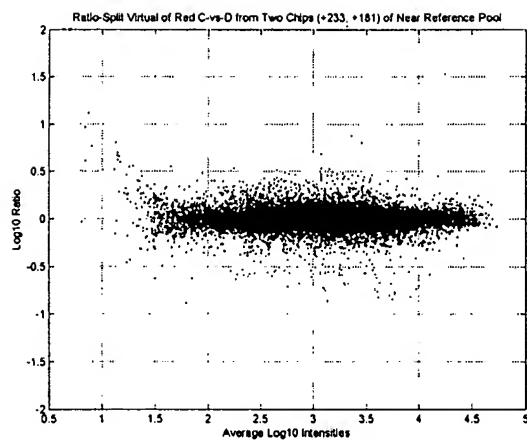


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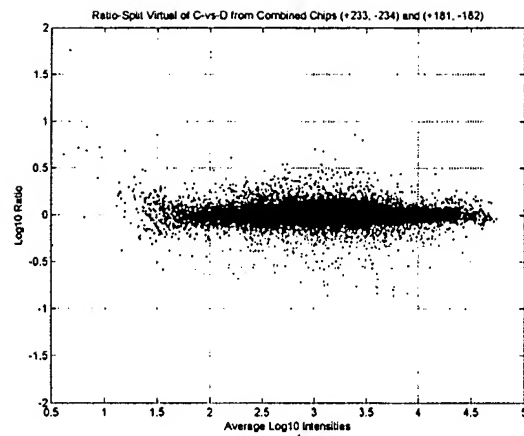


Figure 35

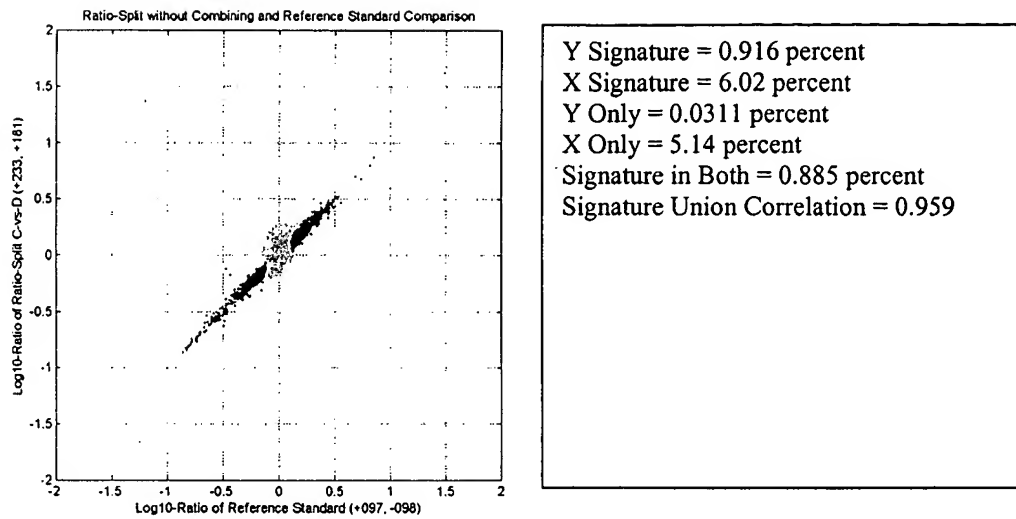
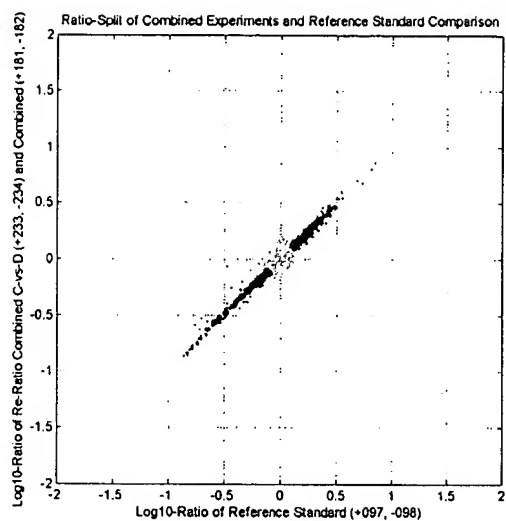


Figure 36



Y Signature = 7.15 percent
X Signature = 6.02 percent
Y Only = 1.77 percent
X Only = 0.641 percent
Signature in Both = 5.38 percent
Signature Union Correlation = 0.995

Figure 37

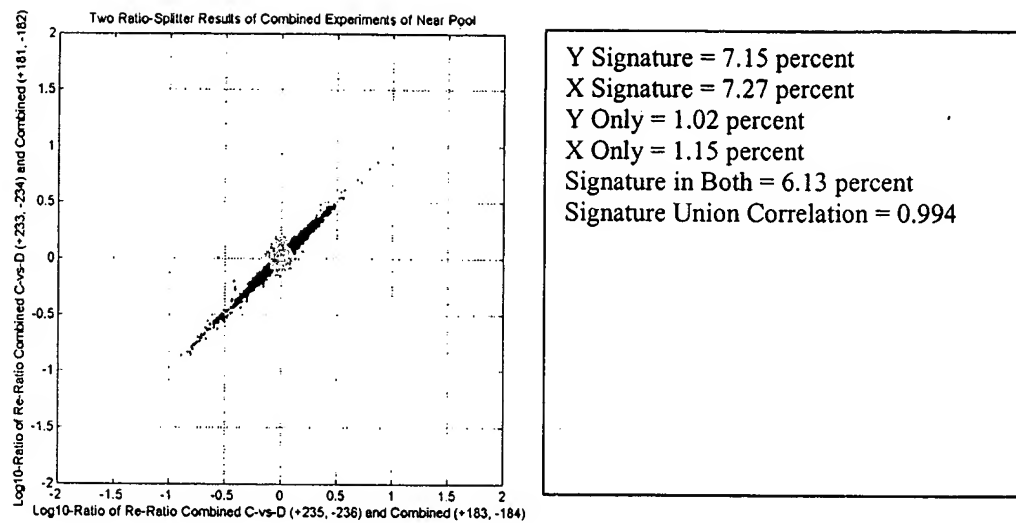


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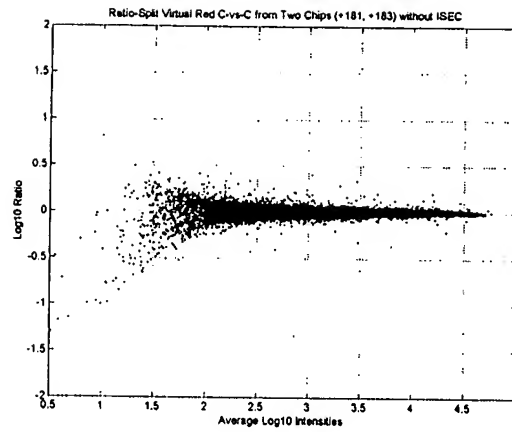


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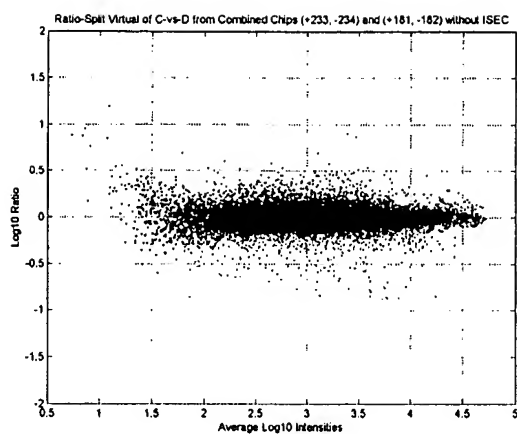


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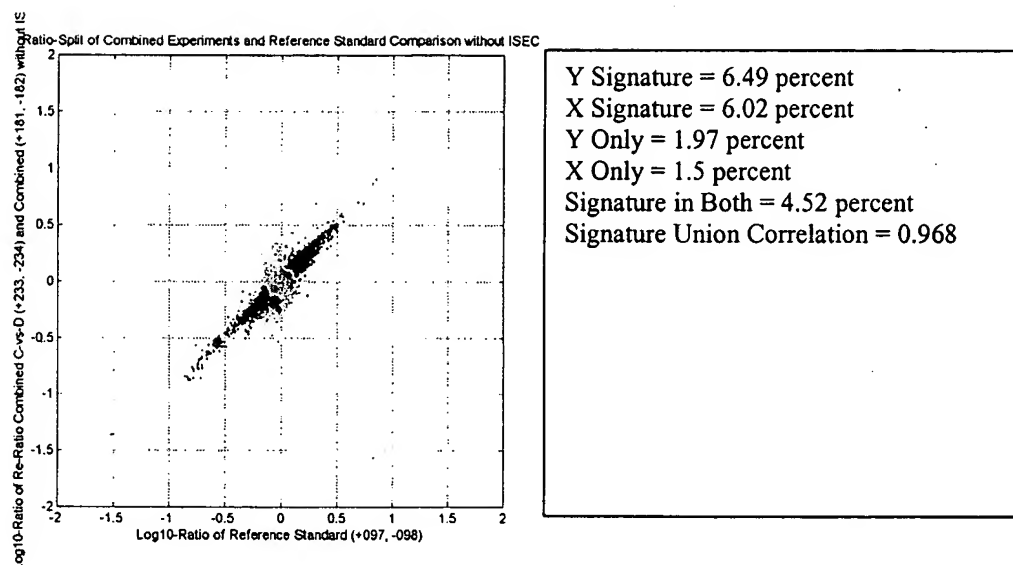


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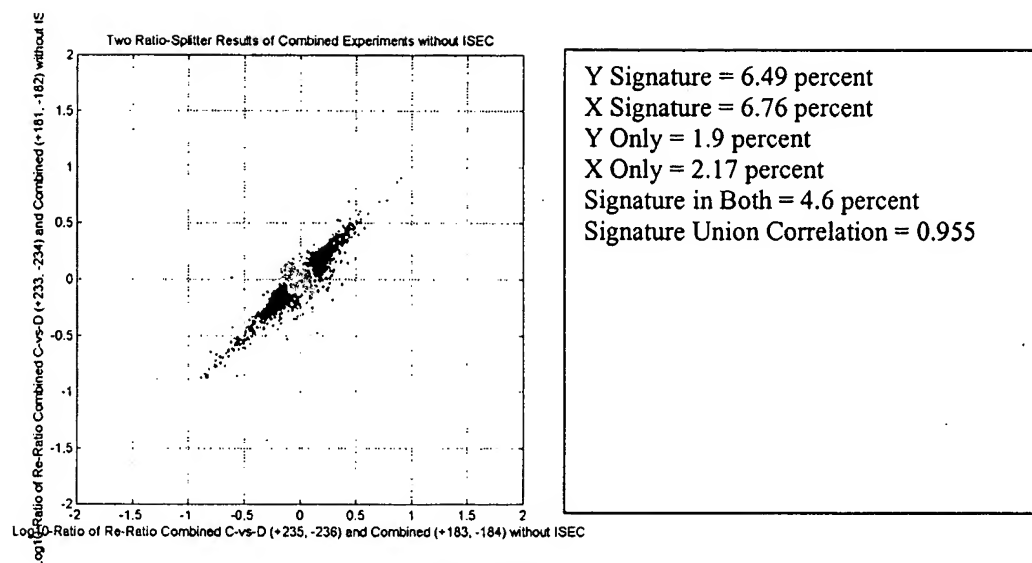


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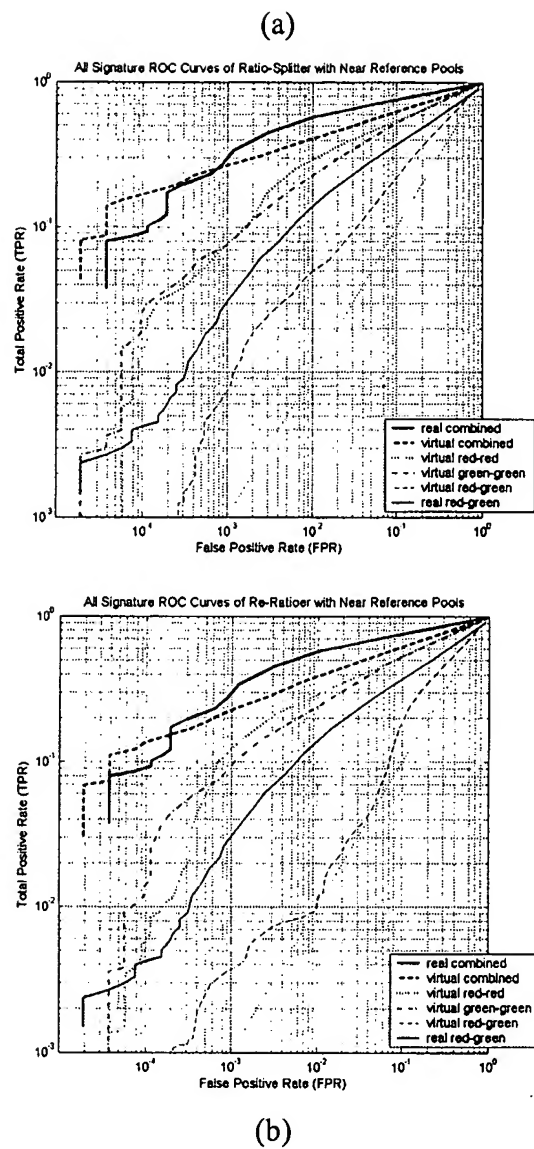
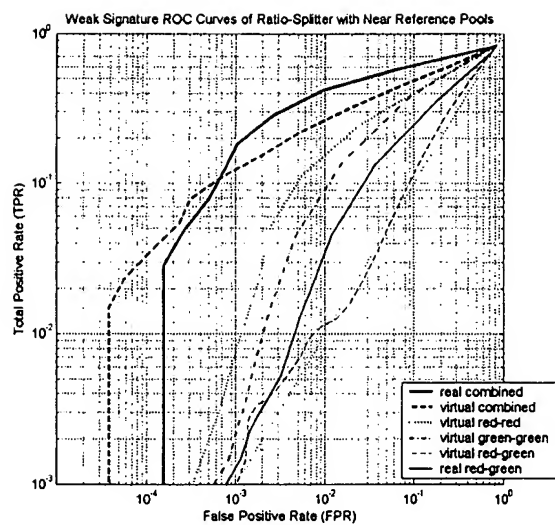


Figure 44

(a)



(b)

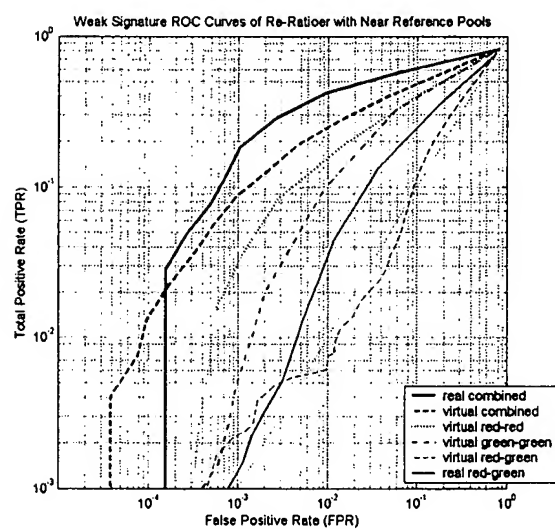
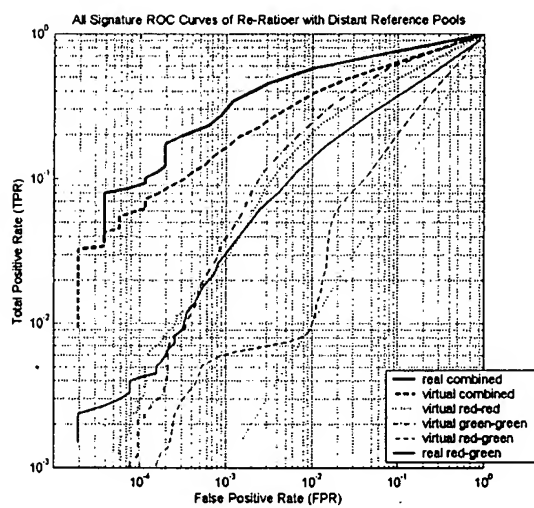
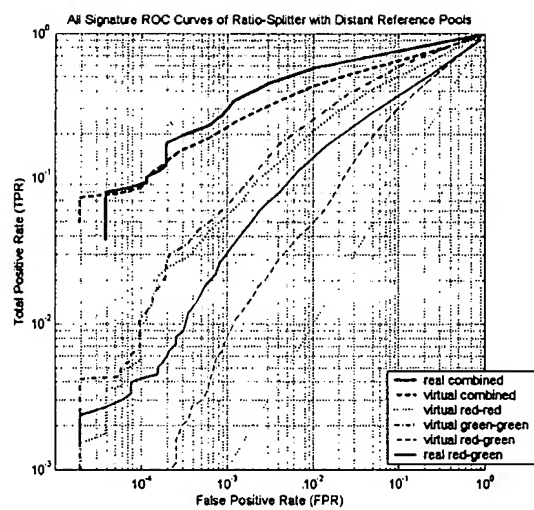


Figure 45

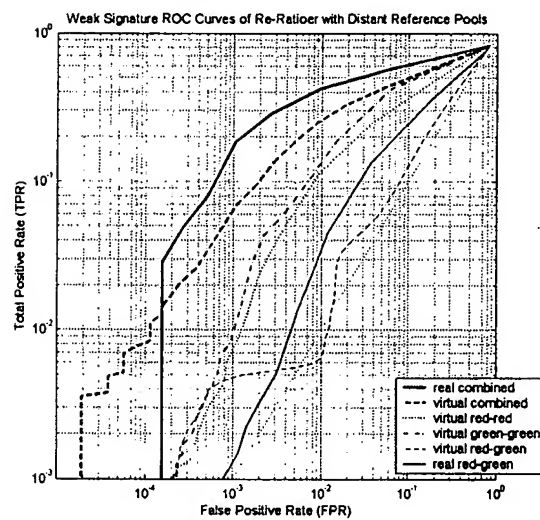
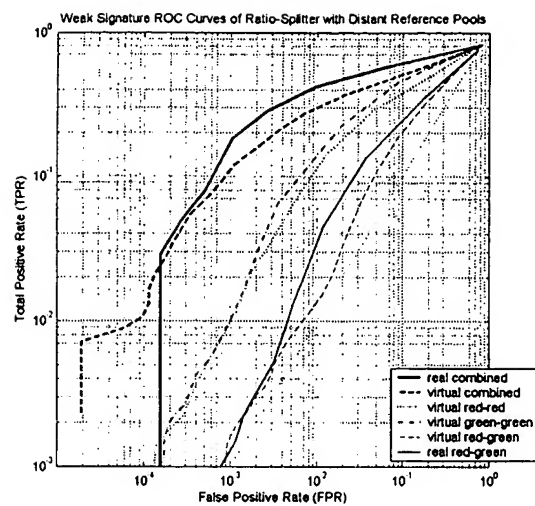
(a)



(b)

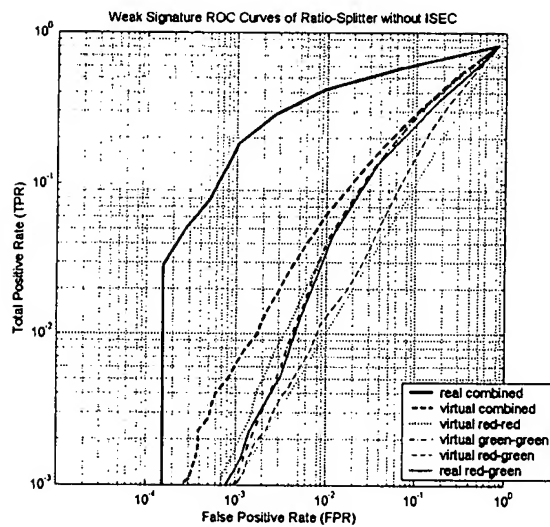
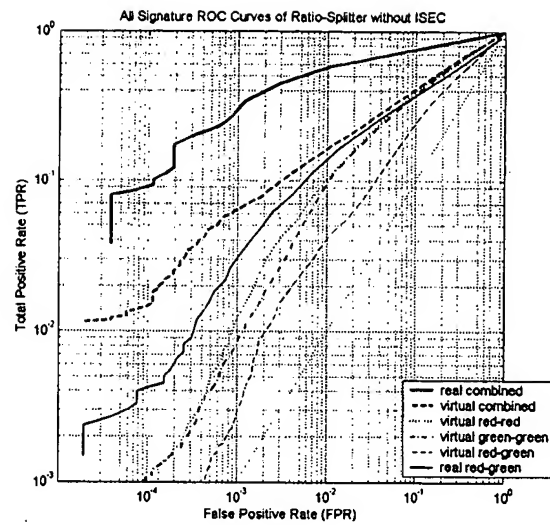
Figure 46

(a)



(b)

Figure 47



(a)

(b)

Figure 48

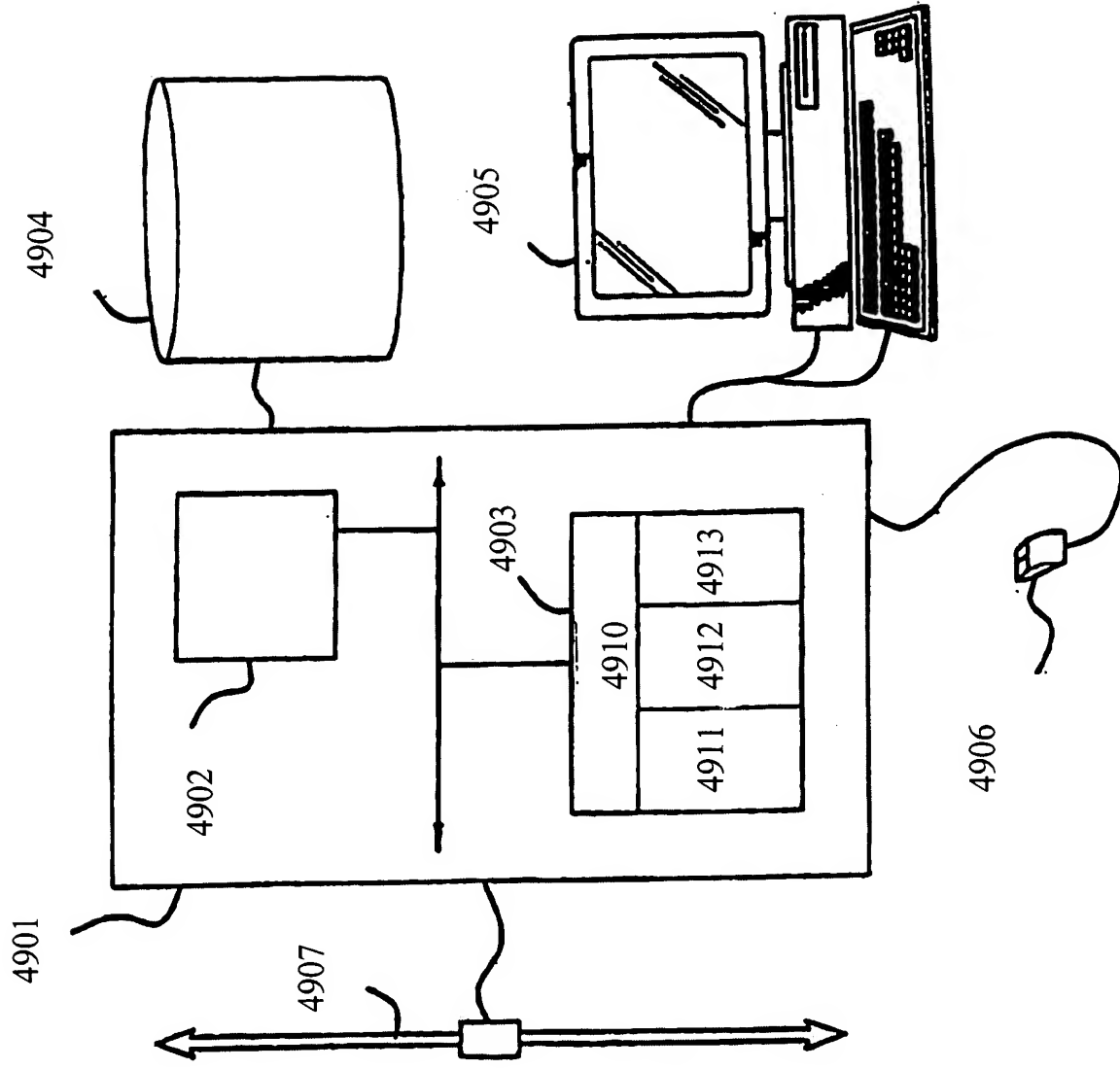


FIG. 49